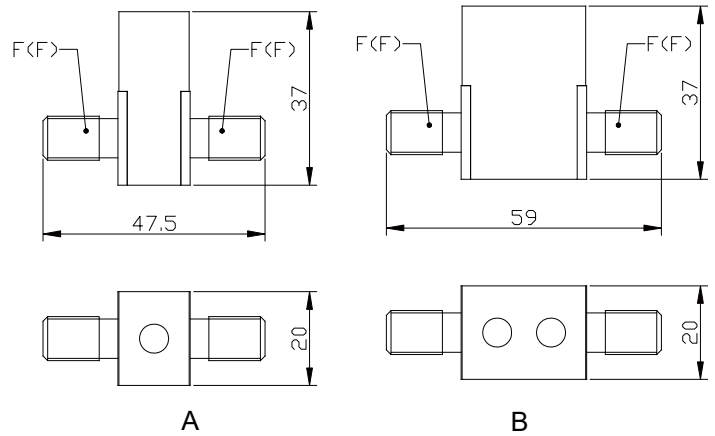


Coaxial fixed attenuators are used in absorbing energy of transmission line, expanding power range and controlling power level, they are also used in accurately measuring power or spectrum of RF microwave transmitters accompany with small power meter, comprehensive tester or spectrum analyzer.

SAT32B01XX01K coaxial fixed attenuators' average power 1W, frequency range from DC-1GHz and the features include wide frequency band, low VSWR, flatness attenuation value and excellent capacity in anti-pulse and anti-burnout etc.



MECHANICAL SPECIFICATIONS	
Connectors	Brass Nickel Plated
Male Pin	Brass Gold Plated
Female Pin	Beryllium Copper Gold Plated
Housing	Aluminum, Conductive Anodizing
Temp Range	-55°C ~ +125°C
Dimensions	A:47.5×20×37mm B:59×20×37mm
Weight	A:40g B:60g

RoHS Compliant: Yes

ELECTRICAL SPECIFICATIONS

Model Number	Frequency Range(GHz)	Attenuation Value & Accuracy (dB)				Max VSWR
		10	20	30	40	
SAT32B01XX01K	0.1-1	±0.5	±1.0	±0.5	-2.0	1.15

Note: XX refer to attenuation value in dB

NOMINAL IMPEDANCE: 75Ω

AVERAGE POWER: 1W average to 25°C ambient temperature, derated linearly to 0.2W @ 125°C

PEAK POWER: 0.5KW (5μs pulse width with 0.2% duty cycle)

CONNECTOR TYPE: F

Notes:

1. Dimensions Tolerance ±5%
2. Custom designs available for other special attenuation value & accuracy.